

Application No. 10/1614632

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date): 9/7/03

- A. ☐ Approved by the Draftsperson under 37 CFR 1.84(a)(1) 192
- B. ☒ Rejected by the Draftsperson under 37 CFR 1.84(a)(1) 192 for the reasons indicated below. Corrected drawings are required.

<p>1. DRAWINGS. 37 CFR 1.84(a) Acceptable.</p> <p>Category of drawings: Black ink on color (3) or color (3).</p> <p><input type="checkbox"/> Color drawings are not acceptable unless permitted by patent. Figs.</p> <p><input type="checkbox"/> Pencil and fine black ink not permitted. Figs.</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)</p> <p><input type="checkbox"/> One (1) full-size print required. Figs.</p> <p><input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(b)</p> <p><input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(b) 192.</p> <p><input type="checkbox"/> Poor quality (halftone) Figs.</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(c)</p> <p><input type="checkbox"/> Paper not flexible, strong, white, and smooth. Figs.</p> <p><input type="checkbox"/> Excesses, alterations, overexposures, smudges, folds, copy markings, marks not accepted. Figs.</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(d) Acceptable sizes.</p> <p><input type="checkbox"/> 21.6 cm by 29.7 cm (8 1/2 in. by 11 in.)</p> <p><input type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 in. by 11 in.)</p> <p><input type="checkbox"/> All drawings must be the same size.</p> <p><input type="checkbox"/> Sheets.</p> <p><input type="checkbox"/> Drawings must not be acceptable size. Figs.</p> <p>5. MARGINS. 37 CFR 1.84(e) Acceptable margins.</p> <p><input type="checkbox"/> Top 2.5 cm (1 in.) Bottom 2.5 cm (1 in.)</p> <p><input type="checkbox"/> Margins are acceptable. Figs.</p> <p><input type="checkbox"/> Top (T) Bottom (B)</p> <p><input type="checkbox"/> Right (R) Left (L)</p> <p>6. VIEWS. 37 CFR 1.84(f)</p> <p><input type="checkbox"/> (REMARKS) Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., that specification, in the Brief Description of the Drawings, must likewise be changed.</p> <p><input type="checkbox"/> Views not linked sequentially or properly. Figs.</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84(g)</p> <p><input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Figs.</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(h)</p> <p><input type="checkbox"/> Views do not appear in a clear, logical, and consistent arrangement to effect a right or true view of the invention. Figs.</p> <p>9. SCALE. 37 CFR 1.84(i)</p> <p><input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Figs.</p> <p>10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(j)</p> <p><input checked="" type="checkbox"/> Lines, numbers, & letters not uniformly thick and well defined, clean, legible, and black (post line quality). Figs.</p> <p>11. SHADING. 37 CFR 1.84(k)</p> <p><input type="checkbox"/> Solid black areas not permitted. Figs.</p> <p><input type="checkbox"/> Solid black shading not permitted. Figs.</p> <p>12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(l)</p> <p><input type="checkbox"/> Numbers and reference characters not plain and legible. Figs.</p> <p><input type="checkbox"/> Figure legends not shown. Figs.</p> <p><input type="checkbox"/> Numbers and reference characters not ordered in the same direction as the view. 37 CFR 1.84(l)(1) Figs.</p> <p><input type="checkbox"/> Figures not numbered consecutively. 37 CFR 1.84(l)(2) Figs.</p> <p><input type="checkbox"/> Numbers, letters, and reference characters must be at least 3.2 mm (1/8 in.) in height. 37 CFR 1.84(l)(3) Figs.</p> <p>13. LEAD LINES. 37 CFR 1.84(m)</p> <p><input type="checkbox"/> Lead lines missing. Figs.</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(n)</p> <p><input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet (1)</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(o)</p> <p><input type="checkbox"/> Views not numbered consecutively, and in Arabic numbers, beginning with number 1. Figs.</p> <p>16. BASIC DRAWINGS. 37 CFR 1.84(p)</p> <p><input type="checkbox"/> Surface shading shown not appropriate. Figs.</p> <p><input type="checkbox"/> Solid black surface shading is not permitted except when used to represent free-form black lines well as when required. Figs.</p>
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COMMENTS:

Reviewer: 01-10

If you have questions, call (703) 305-8408.

Date: 9/28/04

Submission Paper No.:

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) _____ are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
 B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required:

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) _____
☐ Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

☐ One (1) full-tone set is required. Fig(s) _____
☐ Photographs may not be mounted. 37 CFR 1.84(e)
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
☐ Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

☐ Paper not flexible, strong, white, and durable. Fig(s) _____
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

☐ 21.0 cm by 29.7 cm (DIN size A4) or
☐ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
☐ All drawing sheets not the same size. Sheet(s) _____
☐ Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

☐ Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
☐ Margins not acceptable. Fig(s) _____
☐ Top (T) _____ Left (L) _____
☐ Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☐ Views not labeled separately or properly. Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

☐ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1, 2

11. SHADING. 37 CFR 1.84(m)

☐ Solid black areas pale. Fig(s) _____
☐ Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

☐ Numbers and reference characters not plain and legible. Fig(s) _____
☐ Figure legends are poor. Fig(s) _____
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____
☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____
☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

☐ Surface shading shown not appropriate. Fig(s) _____
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

COMMENTS:

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Reviewer _____

If you have questions, call (703) 305-8404.

Date 9/28/04

Attachment to Paper No. _____

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